

HABC Genotype Data Submission Form

Submitting Investigator	
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Date Submitted	03/14/05
Polymorphism Information	
Name	AKT1 -G171T
RS# or Unique Identifier	rs1130214
Gene	AKT1
Chromosome position	14q32.32
Alleles	G/T
Assay Information	
Genotyping Method	Taqman
Genotypes in HWE (Y/N) (attach HWE Form)	Y
Amount of DNA used	4 ng
PCR primers	GGCGCTGTGGTTAGGA CGAAACGGGAGTCCAGAG
PCR Components and Concentrations (Taq, buffer, MgCl ₂ , primers, DMSO, other reagents)	900 nM primers, 200 nM probes, and 1X TaqMan® Universal PCR Master Mix, No AmpErase® UNG (Applied Biosystems, Foster City, CA, USA)
PCR Cycling conditions (time and temperature for each step, # of cycles, etc.)	10 min at 95 °C (denaturation), and 44 cycles of 15 s at 92 °C and 1 min at an annealing temperature of 60 °C.
Detection Oligo(s) (if applicable)	CAAGCCCCAAAAAC (G allele probe) CAAGCACAAAAAC (T allele probe)
Other Reaction Conditions (detection reaction components, incubation conditions, gel %, etc.)	
Other Assay Info	All Taqman PCR reactions were analyzed using an ABI 7900 (Foster City, CA, USA).